

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR2004/002880

**A. CLASSIFICATION OF SUBJECT MATTER****IPC7 A61K 31/05**

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 07 A61K 31/05

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
Korean Patents and applications for inventions since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
PubMed, CA

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	KUMARAVELU PARASKITHY, et al., 'The antioxidant effect of eugenol on CCl4-induced erythrocyte damage in rats', The Journal of Nutritional Biochemistry, 1996, Vol.7, No. 1, pp.23-8 See the Abstract	1-4
Y	KAMAT JAYASHREE P., et al., 'Vanillin as an antioxidant in rat liver mitochondria', Molecular and Cellular Biochemistry, 2000, Vol.209, pp.47-53 See the Abstract	1-4
Y	YEUNG S.Y., et al., 'Scavenging property of three cresol isomers against H2O2, hypochlorite, superoxide and hydroxyl radicals', Food and Chemical Toxicology, 2002, Vol.40, No.10, pp.1403-13 See the Abstract	1-4
Y A	KIM YOUNG-HOI, et al., 'Composition of constituents of commercial wood vinegar liquor in Korea', Han'guk Nonghwa Hakhoechi, 2001, Vol.44, No.4, pp.262-8 (Chemical Abstract No. 137:124699) See the Abstract	1-4 5-11

☒ Further documents are listed in the continuation of Box C.☐ See patent family annex.

- \* Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
  - "E" earlier application or patent but published on or after the international filing date
  - "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)
  - "O" document referring to an oral disclosure, use, exhibition or other means
  - "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

05 FEBRUARY 2005 (05.02.2005)

Date of mailing of the international search report

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Name and mailing address of the ISA/KR



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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y A	MATSUI TAKANAO, et al., 'Solvent extraction and characterization by high-performance liquid chromatography of constituents of wood-vinegar liquor', Kogakubu Kenkyu Hokoku, 1991, Vol.37, pp.41-50 (Chemical Abstract No 116:237667) See the Abstract	1-4 5-11